

APALACHICOLA RIVER BASIN 2003 Water Year

02336654 NORTH FORK UTOY CREEK AT BEECHER ROAD, AT ATLANTA, GA

LOCATION.—Lat 33°44'01", long 84°27'20" referenced to North American Datum (NAD) of 1927, Fulton County, Hydrologic Unit Code 03130002, at culvert on Beecher Road, 1.0 miles west of Cascade Avenue, and 1.1 miles south of GA 139.

DRAINAGE AREA.— 3.70 mi^2 .

COOPERATION.—City of Atlanta.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—March 20, 2003 to July 16, 2003.

REMARKS.—Laboratory chemical analyses with analyzing agency code 80020 are by the U.S. Geological Survey, National Water Quality Laboratory. Laboratory chemical analyses with analyzing code 81345 are by the U.S. Geological Survey, Panola Mountain Laboratory. Laboratory sediment analyses are by the U.S. Geological Survey, Sediment Partitioning Research Laboratory. Field determinations of Specific Conductance, pH, Water Temperature, Dissolved Oxygen, and Turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA - WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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	Selen-	Stront-	Titan-	Vanad-		Suspd.	Uranium	Alum-	Anti-	Arsenic
Date	ium,	Silver,	ium,	Thall-	Zinc,	Uranium	sedimnt	bed sed	inum,	mony,
	suspnd	suspnd	suspnd	suspnd	suspnd	conc,	<62.5um	bed sed	bed sed	<62.5um
	sedimnt	sedimnt	sedimnt	sedimnt	sedimnt	flow	dry svd	<62.5um	<62.5um	dry svd
	total,	total,	total,	sedimnt	total,	total,	total,	lab,	dry svd	lab,
	ug/g	ug/g	ug/g	ug/g	percent	ug/g	ug/g	total,	dry svd	lab,
	(29847)	(29850)	(35040)	(49955)	(30317)	(29853)	(29855)	(35046)	(50279)	(35002)
JUN	--	--	--	--	--	--	--	--	--	--
18...	M	<.5	58	<50	.510	130	400	<50	68	--
18...	--	--	--	--	--	--	--	--	--	--
JUL	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	<50	8.5	M

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	Barium, bed sed	Beryll- ium, bed sed	Cadmium bed sed	Chrom- ium, bed sed	Cobalt, bed sed	Copper, bed sed	Iron, bed sed	Lead, bed sed	Lithium ese, bed sed	Mangan- denum, bed sed	Mercury bed sed	Molyb- denum, bed sed	Nickel, bed sed
<62.5um	bed sed	<62.5um	bed sed	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	
dry svd	<62.5um	dry svd	<62.5um	dry svd	dry svd	dry svd	dry svd	dry svd	<62.5um	dry svd	<62.5um	dry svd	
Date	lab, total,	lab, tot	lab, total,	lab, tot	lab, total,	lab, total,	lab, total,	lab, total,	lab, tot	lab, total,	lab, tot	lab, total,	
	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	percent	ug/g	ug/g	ug/g	ug/g	ug/g	
(34807)	(34812)	(34827)	(34842)	(34847)	(34852)	(34882)	(34892)	(34897)	(34907)	(34912)	(34917)	(34927)	

JUN													
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	790	3	2	68	33	75	6.5	170	31	4000	16	1	32

	Selen- ium, bed sed <62.5um	Silver, bed sed <62.5um	Stront- ium, bed sed <62.5um	Titan- ium, bed sed <62.5um	Vanad- ium, bed sed <62.5um	Zinc, bed sed <62.5um	1- 1,4-Di- chloro- benzene	2,6-Di- methyl- naphth-	2- methyl- naphth-	3- 3-beta- naphth-	3- Methyl- Coprostan- 1H- indole,	3- Butyl- droxy- anisole
Date	lab,tot (34052)	total, (34057)	lab,tot (34067)	lab,tot (34092)	total, (35007)	filtrd, (35022)	filtrd, (34572)	filtrd, (62054)	filtrd, (62055)	filtrd, (62056)	wat filt (62057)	wat filt (62058)
	ug/g (34052)	ug/g (34057)	ug/g (34067)	ug/g (34092)	percent (35007)	ug/g (35022)	ug/g (34572)	ug/L (62054)	ug/L (62055)	ug/L (62056)	ug/L (62057)	ug/L (62058)

	5-Meth-												
	4-	4-	4-	4-tert-	yl-1H-	9,10-		Benzo-		beta-	beta-		
Date	Cumylo-	Octyl-	Nonyl-	Octyl-	benzo-	Anthra-	Aceto-	Anthra-	[a]-	Benzol-	Sitos-	Stigma-	
	phenol,	phenol,	phenol,	phenol,	tri-	quinone	phenone	AHTN,	cene,	pyrene,	phenone	terol,	standol,
	water,	water,	water,	azole,	water,								
	filtrd,	filtrd,	filtrd,	filtrd,	wat fit	filtrd,							
	ug/L												
	(62060)	(62061)	(62085)	(62062)	(62063)	(62066)	(62064)	(62065)	(34221)	(34248)	(62067)	(62068)	(62086)

	Car-												Di-	
	Bisphe-	Broma-	Caf-	baryl,	Carba-	Chlor-	Choles-	Cot-	Diazi-	nonyl-	ethoxy-	ethoxy-		
Date	nol A,	cil,	feine,	Camphor	water,	zole,	pyrifos	terol,	inine,	DEET,	non,	phenol,	phenol,	
	water,	water,	water,	water,	filtrd	water,								
	filtrd,	filtrd,	filtrd,	filtrd,	0.7u GF	filtrd,								
	ug/L													
	(62069)	(04029)	(50305)	(62070)	(82680)	(62071)	(38933)	(62072)	(62005)	(62082)	(39572)	(62083)	(61705)	

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	Naphth-	p-	Penta-	Phenan-	Prome-	Tetra-	Tri-	butyl	Tri-	Tri-	
Date	alene,	Cresol,	chloro-	phenol,	ton,	chloro-	bromo-	phos-	clo-	ethyl	phenyl
	water,	water,	threne,	Phenol,	Pyrene,	ethene,	methane	phate,	san,	citrato	phosphate,
	filtrd,										
	ug/L										
(34443)	(62084)	(34459)	(34462)	(34466)	(04037)	(34470)	(34476)	(34288)	(62089)	(62090)	(62092)

Date	Tris(2-butoxyethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloroethyl) phos-phate, wat flt ug/L (62087)	Tris(di-chloro- i-Pr) phos-phate, wat flt ug/L (62088)	Di-chloro-vos, water (38775)	Sampler fltrd, type, code	Sampling method, code

JUN							
18...	--	--	--	--	3060	10	
18...	--	--	--	--	3070	10	
18...	.6	E.1	E.1	<1.00	3060	10	
JUL							
16...	--	--	--	--	3070	10	
16...	E.2	<.5	<.5	<1.00	3070	10	
16...	--	--	--	--	3070	70	

Remark codes used in this report:

< -- Less than

> -- Greater than

E -- Estimated value

M -- Presence verified, not quantified

Value qualifier codes used in this report:

d -- Diluted sample: method hi range exceeded

k -- Counts outside acceptable range